

**TAMCO**  
**12459-B Arrow Route**  
**Rancho Cucamonga,**  
**CA 91739**

**Prepared by:**

**Yorke**  
**ENGINEERING, LLC**  
[www.YorkeEngr.com](http://www.YorkeEngr.com)

Office Locations:  
Los Angeles, Orange County, Riverside,  
Ventura, Fresno, Oakland, Bakersfield

Tel: (949) 248-8490  
Fax: (949) 248-8499

2012 Annual Report

FOCCO

504 315/203

# **2012 Annual Report for Hazardous Waste Exports**

**40CFR § 262.56  
Title 22 CCR §66262.56**

Prepared for:

**Jeff Dambrun  
Environmental Manager  
TAMCO  
12459-B Arrow Route  
Rancho Cucamonga, CA 91739**

February 2013

## Table of Contents

<b>1.0</b>	<b>EXPORTER INFORMATION .....</b>	<b>1</b>
1.1	EPA Identification Number .....	1
1.2	Facility Name .....	1
1.3	Mailing Address .....	1
1.4	Site Address.....	1
<b>2.0</b>	<b>CALENDAR YEAR OF REPORT.....</b>	<b>1</b>
<b>3.0</b>	<b>CONSIGNEE INFORMATION .....</b>	<b>1</b>
3.1	EPA Identification Number .....	1
3.2	Facility Name .....	1
3.3	Mailing Address .....	1
3.4	Site Address.....	1
<b>4.0</b>	<b>HAZARDOUS WASTE INFORMATION .....</b>	<b>2</b>
4.1	Description.....	2
4.2	EPA Federal Hazardous Waste Code.....	2
4.3	California Hazardous Waste Code .....	2
4.4	DOT Hazard Class .....	2
4.5	Transporter Information.....	2
4.5.1	<i>Burlington Northern Santa Fe Railway Company</i> .....	2
4.5.2	<i>Kansas City Southern Railroad</i> .....	2
4.5.3	<i>Kansas City Southern Mexican Railway Company</i> .....	2
4.6	Waste Shipments.....	2
<b>5.0</b>	<b>WASTE REDUCTION EFFORTS .....</b>	<b>2</b>
5.1	Efforts Undertaken to Reduce the Volume and Toxicity of Waste .....	2
5.1.1	<i>Reduction in Volume</i> .....	2
5.1.2	<i>Reduction in Toxicity</i> .....	3
5.2	Description of Changes in the Volume and Toxicity of Waste Actually Achieved During the Year in Comparison to the Extent Such Information is Available for Years Prior to 1984 .....	3
<b>6.0</b>	<b>CERTIFICATION BY EXPORTER .....</b>	<b>3</b>



## **1.0 EXPORTER INFORMATION**

TAMCO is a steel mini-mill that recycles ferrous scrap metal into concrete reinforcing bars (rebar). Mini-mills use electric arc furnace technology to melt scrap steel into semi-finished steel billets. These billets are then reheated and processed in a rolling mill where they are made into a wide variety of rebar lengths, sizes and grades. TAMCO has an annual recycling capacity of 500,000 tons of steel.

TAMCO captures dust emissions from the melting process with a baghouse. Captured dust is recycled, reclaiming the iron, zinc, lead, and cadmium in the dust, which reduces the amount of material that goes to hazardous waste landfills.

### **1.1 EPA Identification Number**

CAD982361404

### **1.2 Facility Name**

TAMCO

### **1.3 Mailing Address**

P.O. Box 325  
Rancho Cucamonga, CA 91739

### **1.4 Site Address**

12459-B Arrow Route  
Rancho Cucamonga, CA 91739

## **2.0 CALENDAR YEAR OF REPORT**

2012

## **3.0 CONSIGNEE INFORMATION**

### **3.1 EPA Identification Number**

TXR000047670

### **3.2 Facility Name**

Zinc Nacional S. A.

### **3.3 Mailing Address**

c/o VDC Corporation  
3104 Chelo Street & Highway 57  
Eagle Pass, TX 78852

### **3.4 Site Address**

Serafin Pena, 938 Sur  
Monterrey, Nueva Leon, Mexico

## **4.0 HAZARDOUS WASTE INFORMATION**

### **4.1 Description**

Baghouse dust captured from the process of recycling steel with an electric arc-furnace.

### **4.2 EPA Federal Hazardous Waste Code**

K061 – Emission control dust/sludge from the primary production of steel in electric furnaces

### **4.3 California Hazardous Waste Code**

591 – Baghouse waste

### **4.4 DOT Hazard Class**

DOT Hazard Class 9 – Miscellaneous

### **4.5 Transporter Information**

#### ***4.5.1 Burlington Northern Santa Fe Railway Company***

3001 Lou Menk Drive  
Fort Worth, TX 76131-2815  
EPA ID Number: MND048341788  
ATTN: David Rodriquez

#### ***4.5.2 Kansas City Southern Railroad***

1610 Woodstead Court  
The Woodlands, TX 77380  
EPA ID Number: NOD006965859

#### ***4.5.3 Kansas City Southern Mexican Railway Company***

Monterrey, México  
Kansas City Southern de Mexico, S.A. de C.V.  
Manuel L. Barragán No. 4850 Nte.  
Col. Hidalgo  
C.P. 64420  
EPA ID Number: None

### **4.6 Waste Shipments**

For calendar year 2012, baghouse waste export shipments were 8,802,630 pounds (4,401.3 tons) in a total of 47 shipments.

## **5.0 WASTE REDUCTION EFFORTS**

### **5.1 Efforts Undertaken to Reduce the Volume and Toxicity of Waste**

#### ***5.1.1 Reduction in Volume***

Manufacturing steel from recycled steel represents a significant reduction in waste. Annual steel recovery efficiency average is 98.5%. Waste shipments are for additional recycling by metal recovery which continues to represent additional waste volume reductions.



### 5.1.2 Reduction in Toxicity

Inspections of incoming recycled steel continue at the facility preventing the introduction of unwanted materials. No changes can be expected in the Toxicity Characteristics of the baghouse dust.

### 5.2 Description of Changes in the Volume and Toxicity of Waste Actually Achieved During the Year in Comparison to the Extent Such Information is Available for Years Prior to 1984

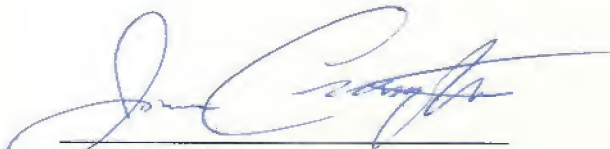
Data is not available in years prior to 1984. Current recovery efficiency is stable at 98.6% for the last seven years.

**Table 1: Annual Recycle Rate**

Year	Pounds of Baghouse Dust	Pounds Produced	Recycle Rate %
2006	14,566,200	1,002,040,000	98.6%
2007	12,720,400	861,392,000	98.5%
2008	14,680,000	886,964,000	98.4%
2009	3,751,600	276,996,000	98.7%
2010	6,096,950	436,988,000	98.6%
2011	6,780,250	409,860,000	98.6%
2012	9,889,880	671,750,000	98.6%

## 6.0 CERTIFICATION BY EXPORTER

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.



Mr. James Crompton  
VP/General Manager

ENVIRONMENTAL PROTECTION AGENCY

Gerdau - Rancho Cucamonga Mill  
P.O.Box 325  
Rancho Cucamonga, CA 91739



7010 0780 0001 2553 5369

**FIRST CLASS**

Route **EPA Mail**

To: International Compliance  
Assurance Division

Mailstop ARIEL RIOS NORTH

Department: 2254A

Certified



70100780000125535369

727

**RETURN RECEIPT  
REQUESTED**

Office of Enforcement and Compliance Assurance  
Office of Federal Activities  
International Compliance Assurance Division (2254A)  
Environmental Protection Agency  
1200 Pennsylvania Ave., NW.  
Washington, DC 20460

